

Abstract of the Disclose

Techniques are provided for controlling access to a resource based on access policies and attributes. A principal issues a request to a service for purposes of accessing a resource. The principal is authenticated and a service contract for the principal, the service, and the resource is generated. The service contract defines
5 resource access policies and attributes which can be permissibly performed by the service on behalf of the principal during a session. Moreover, the session between the service and the resource is controlled by the service contract.